

SENATOR CARDIN'S APPROPRIATIONS REQUESTS FOR MARYLAND

The following Maryland projects requested by Senator Cardin were included in the Fiscal Year 2008 Appropriations Bills and signed into law by the President.

FY2008 AGRICULTURE APPROPRIATIONS

The Appalachian Center for Ethnobotanical Studies at Frostburg State University, \$372,375, to facilitate a collaborative effort devoted to the multidisciplinary study and conservation of native medicinal plants and to foster economic growth in the region through the managed development of the area's natural resources.

Human Health Research Projects at the National Arboretum, \$236,334, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Bovine Genetics Research Project, \$1,900,602, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

National Program on Lyme Disease at Beltsville Agricultural Research Facility, \$745,743, to support the Lyme Disease 4 Poster Project.

Floriculture and Nursery Crops Research Project, \$2,458,668, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Weed Management Research Project, \$262,152, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Research Project regarding Alternative Uses for Tobacco, \$297,900, to support agricultural research in Maryland on non-smoking uses of tobacco.

Potato Diseases Research Project, \$64,545, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Research Project regarding Barley Health Food Benefits, \$473,670, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Research Project regarding Biomineral Soil Amendments for Control of Nematodes, \$387,270, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Research Project regarding Food Safety of Meat and Produce for Listeria, E. Coli and Other Food Pathogens, \$133,062, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

National Germplasm System Research Project, \$120,153, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

National Nutrition Monitoring System, \$481,605, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Research Project Developing Novel Plant Products through Genomics, \$1,808,253, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Poultry Disease Research Project, \$434,934, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Bioremediation Research Project, \$118,167, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Johne's Disease Research Project, \$320,739, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Dairy Genetics Research Project, \$923,490, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Research Project regarding Minor-Use-Pesticides, \$72,489, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

National Germplasm Resources Program, \$143,985, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Research Project regarding Obesity Interventions, \$90,363, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Coffee and Cocoa Research Projects, \$847,029, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

Turfgrass Research Project, \$473,661, to support agricultural research projects at the USDA.

USNA Research Project regarding Germplasm and Ornamental Horticulture, \$1,644,408, to support agricultural research projects at the USDA.

Research Projects regarding Foundry Sand By-Products Utilization, \$680,205, to support agricultural research projects at the Beltsville Agricultural Research Service facility.

NRCS Conservation Technical Assistance Program, \$4,257,984, to support technical assistance for Chesapeake farmers for the installation and management of conservation measures.

U.S. National Arboretum, \$695,100, to support operations and maintenance at the U.S. National Arboretum.

FY2008 COMMERCE, JUSTICE AND SCIENCE APPROPRIATIONS

NOAA: Chesapeake Bay Oyster Restoration, \$1,786,000, to allow the Oyster Recovery Partnership to continue Chesapeake Bay oyster restoration field efforts.

NOAA: Improved Urban Weather Forecasting, \$5,358,000, to continue the NOAA Air Resource Laboratory's Urbanet Partnership to expand the number of metropolitan areas covered by the Urbanet system in order to improve weather forecasting.

NOAA: Captain John Smith National Water Trail, \$446,500, to allow The Conservation Fund to install interactive buoys marking the Captain John Smith National Water Trail on the Chesapeake Bay.

NOAA: Oyster Hatchery Economic Pilot Program, \$470,000, to allow Morgan State to conduct an economic pilot program at the Estuarine Research Center (ERC) in Calvert County, Maryland to develop market-based solutions to the environmental crisis in the oyster industry.

Justice: City of Baltimore, \$446,500 and \$258,500, to sustain and institutionalize the Felony Drug Initiative pilot project.

Justice: Eastern Shore of Maryland Education Consortium, \$223,250, to expand the dropout prevention program to utilize a web-based curriculum.

Justice: State of Maryland, \$669,750, to improve interoperability of radios among emergency responders, firefighters, and public safety personnel.

Justice: Montgomery and Prince George's Counties, \$446,500, for coordinated, targeted efforts aimed at gang prevention, intervention, and suppression. Senator Cardin's request included several Montgomery County initiatives and the Prince George's County Juvenile Justice Center.

Justice: National Crime Victims Law Institute, \$4,465,000. Within funds provided, the Bureau of Justice Statistics is directed to appropriately fund the continuation of the NCVS, which is a critical source of information on crime victimization across the country.

Justice: Towson University, \$141,000, for a Forensic Chemistry Institute.

Justice: Villa Julie College, \$423,000, for Villa Julia College's Forensic Studies and Training Program.

NASA: Chesapeake Information Based Aeronautics Consortium, \$3,572,000, for a partnership of Morgan State University, University of Maryland Eastern Shore and Bowie State University for continued aviation safety research and development.

NASA: Maryland Department of Business and Economic Development, \$3,572,000, for continued construction of a broadband link between the Wallops Island Flight Facility and the Patuxent River Naval Air Station.

NASA: University of Maryland College Park, \$2,679,000, for the Institute for Dexterous Space Robotics to create a new generation robotic technology for space exploration.

FY2008 DEFENSE APPROPRIATIONS

To develop new amputation and tissue transplant technology, \$3,000,000, at the University of Maryland School of Medicine to treat injured troops.

For Fibrin Adhesive Stat (FAST) Dressing, \$2,000,000, for a bandage able to stop high pressure arterial bleeding on the battlefield.

To promote promising new medical techniques, \$3,000,000, at the Center for Resuscitation Research at the Shock Trauma Center at University of Maryland Medical Center.

To pursue advanced restoration therapies in spinal cord injuries, \$1,000,000, at the Kennedy Krieger Institute.

For a Battlefield Extraction-Assist Robot (BEAR), \$2,000,000, to retrieve injured troops from the battlefield.

For an antibody-based therapeutic against smallpox, \$1,000,000, to continue development of bio-defense agents to protect first responders and other personnel after exposure to the smallpox virus.

To develop molecular switch vaccines, \$1,600,000, to improve the Anthrax vaccine and develop new approaches to certain cancers.

For a multi-purpose Biodefense Immunoarray, \$1,000,000, to develop tools to identify additional biothreats including encephalitis viruses, hemorrhagic fever viruses, and multiple toxins.

For an Anthrax Monoclonal Antibody & Prophylaxis Program, \$1,500,000, to support safety and efficacy studies.

For the Bethesda Hospitals Emergency Preparedness Partnership, \$4,800,000, to enhance collective response capacity for an attack on the National Capital Region.

For advanced diagnostic and therapeutic digital technologies, \$1,600,000, that will allow for the early detection and treatment of prostate cancer.

For a Weapons of Mass Destruction Collaborative Medical Readiness Training Initiative, \$1,000,000, at the Uniformed Services University of the Health Sciences.

For the Army Research Laboratory and University of Maryland PEM Fuel Cell Tactical Generators Initiative, \$5,000,000, to develop lighter and more fuel efficient generators.

For the Rotary Multi-Fuel Auxiliary Power Unit, \$2,000,000, to increase the fuel efficiency of the Army's Abrams Tank by continuing the development of a power system to improve it.

To complete development of a Heavy Duty Hybrid Electric Vehicle for the U.S. Air Force, \$2,000,000, to reduce dangerous emissions and greatly improving fuel economy.

For Air Force Nuclear Test Seismic Research Program, \$2,400,000, to support research and train scientists at universities in Maryland who conduct seismic measurements for anti-proliferation purposes.

For an Energetics Science & Technology Workforce initiative, \$2,400,000, at the Energetics Technology Center in Charles County.

For the Knowledge Integration and Management Center of Excellence (KIMCOE), \$3,000,000, at Morgan State University in Baltimore for tactical intelligence analysis and distribution for Army Brigade Combat Teams, a collaboration between Army Research Lab Adelphi and the Morgan State Engineering Department.

For Naval ship hydrodynamic facilities at Carderock, \$5,000,000, to replace and improve ship testing facilities.

For High Energy Conventional Energetics Research, \$5,000,000, at Indian Head Division Naval Surface Warfare Center in Charles County to target asymmetrical threats, such as Weapons of Mass Destruction sites.

To complete the fiber optic data link between Patuxent River Naval Air Station (Pax River) and Wallops Flight Facility, \$4,100,000, to support advanced Navy aircraft testing between the Navy and NASA testing ranges and facilities.

For research on All Weather Sense and Avoid technology for Unmanned Aerial Vehicles (UAVs), \$2,400,000, to develop radar technology that will allow UAVs to detect and avoid possible collision.

For new payloads and sensors for the Unmanned Surface Vehicle (USV) System, \$1,600,000 to improve USVs to allow them to conduct mine-countermeasure operations from the Navy's next generation warship, the Littoral Combat Ship.

For the Maryland Technology Development Corporation's (TEDCO) Naval Aviation Technology Exploration Initiative, \$800,000, to share technologies between Naval Air Systems Command at Pax River and academic industry partners in the Mid-Atlantic region.

For Advanced Surface Radar Technologies, \$5,500,000, to develop and integrate the next generation of radar technology on Navy ships.

For the Laser Marksmanship Training System, \$5,000,000, for cheaper, safer, more realistic weapons training for troops in the field.

For Laser-based Explosives and Chemical/Biological Standoff and Point Detectors, \$3,200,000, to develop faster and more accurate sensors to detect Improvised Explosive Devices (IEDs) and other explosives at safe distances.

For a Perimeter and Maritime Sensor Network at Aberdeen Proving Ground (APG), \$2,400,000, to improve security surveillance and emergency preparedness for the installation.

To complete the Rotorcraft Survivability Assessment Facility at APG, \$1,600,000, to test and improve force-protection for helicopters to address the immediate need to reduce helicopter vulnerability on the front lines.

For the Air Force, \$1,200,000, to procure side arms.

FY2008 ENERGY AND WATER APPROPRIATIONS

Anacostia River Phase I Project, \$303,072, to remove the sheetpile wall at River Fringe Wetlands and continue monitoring newly created wetlands.

Anacostia Master Plan, \$492,000, to develop an integrated approach to river restoration.

Assateague Island, MD North End, \$1,722,000, for mitigation of shoreline erosion damage.

Atlantic Coast of MD, Ocean City, \$186,960, for maintenance surveys for periodic storm protection beach replenishment projects.

Baltimore Harbor and Shipping Channels Dredging, \$19,188,000, for routine dredging of the major shipping channels.

Baltimore Harbor Drift Removal, \$309,960, for on-going work in a 24 square mile area of Patapsco River and tributaries.

Baltimore Metro/Gwynns Falls, \$458,544, for environmental restoration of a heavily degraded urban riverbed.

Baltimore Metro/Patapsco River, \$257,808, to develop an integrated approach to river restoration in Baltimore City.

C&D Canal, \$13,082,280, for regular operation and maintenance of the canal that links the Delaware and Chesapeake bays.

Chesapeake Bay Environment Restoration Program, \$1,998,504, for Chesapeake Bay restoration efforts led by the Corps of Engineers.

Chesapeake Bay Oyster Restoration, \$1,968,000, for restoration of oyster reefs and planting of native Chesapeake oysters.

Chesapeake Marshlands Blackwater, \$196,800, to restore the wetlands at Blackwater National Wildlife Refuge.

Chesapeake Bay Shoreline Study, \$246,000, to develop a regional strategy for sediment management and beneficial reuse.

Cumberland, MD Rewatering, \$280,440, for continuation of modifications to the Cumberland flood protection project to restore features of the historic C&O Canal Terminus.

Goose Creek Somerset County, \$118,080, for deferred maintenance of navigation channels.

Herring Bay Rockhold Creek, Calvert County, \$688,800, for deferred maintenance of navigation channels.

Honga River Tar Bay, Dorchester, Co., \$701,592, for deferred maintenance of navigation channels.

Jennings Randolph Reallocation, \$78,720, to initiate a feasibility study for flood control, water supply, recreation and low-flow augmentation for the Potomac River.

Lower Potomac St. Mary's River, \$49,200, to develop an integrated approach to river restoration.

Mid-Bay Island Study, \$405,408, for analysis and preliminary pre-construction engineering and design work for a major island restoration effort created through the beneficial reuse of dredge spoils.

Middle Potomac Greater Seneca, \$128,904, to develop an integrated approach to the Great Seneca Creek and Muddy Branch tributaries of the Potomac River, upstream of Great Falls.

Middle Potomac River Interstate Watershed, \$98,400, to develop a detailed watershed plan and identify projects necessary to implement the nutrient reduction tributary strategy for the Potomac River Basin.

Montgomery College Biotechnology Project, \$1,476,000.

Parish Creek, Dorchester County, \$59,040, for deferred maintenance of navigation channels.

Poplar Island, \$13,387,320, for creation of island habitat using the dredge spoils from the Port of Baltimore shipping channels.

Twitch Cove & Big Thorofare, Smith Island, Somerset County, \$93,480, for deferred maintenance of navigation channels.

Wicomico River, Wicomico County, \$1,067,640, for routine operation and maintenance.

UM Baltimore - Nanotechnology Center, \$246,000, for research to understand the biological fate (e.g., toxicity, transport, localization in tumors) of nanoconstructs, including associated equipment.

FY2008 FINANCIAL SERVICES APPROPRIATIONS

White Oak FDA Consolidation, \$57,749,000, for the next construction phase of the US Food and Drug Administration consolidation projects at White Oak.

Prince George's Small Business Trade Assistance Office, \$400,000, to develop an office that will promote opportunities for Prince George's County businesses to trade with partners in Africa.

University of Maryland-Baltimore City, \$282,000, funding supports upgrades to the Biopark and workforce training center.

FY2008 INTERIOR AND RELATED AGENCIES APPROPRIATIONS

Blackwater National Wildlife Refuge, \$393,760, for land acquisition to continue the mission of preserving undeveloped land in the Chesapeake Bay Watershed.

EPA Chesapeake Bay Program Office, \$20,672,400, to support the base program, including state implementation grants.

Small Watershed Grants Program, \$1,968,800, to support community-based river restoration initiatives.

Targeted Watershed Grants Program, \$7,875,200, to support large-scale nutrient reduction efforts.

Chesapeake Bay Forestry Programs, \$935,180, to support a model for watershed restoration that links forest restoration and stewardship to improved water quality for the Chesapeake Bay.

Chesapeake Bay Gateways and Watertrails program, \$1,673,480, to support a program which provides public access to the watershed, as well as interpretive and educational services to visitors and students.

Patuxent Research Refuge, \$8,515,060, to support continued renovations of deteriorating facilities at a research refuge jointly operated by the U.S. Geological Survey and U.S. Fish and Wildlife Service.

Glen Echo Park, \$689,080, to complete the on-going restoration of the historic park.

City of Baltimore, \$689,080 to support the Combined Sewer Overflow/Sanitary Sewer Overflow Elimination Project.

City of Cumberland, \$196,880, to support the Combined Sewer Overflow Elimination Project.

City of Frostburg, \$295,320, to support the Combined Sewer Overflow Elimination Project.

Town of Westernport, \$196,880, to support the Combined Sewer Overflow Elimination Project.

**FY2008 LABOR, HEALTH AND HUMAN SERVICES, EDUCATION, AND
RELATED AGENCIES APPROPRIATIONS**

Baltimore Medical Systems, \$306,549, to support a Community Health Center.

Carroll County Youth Services, \$335,043, to support mental health services for Carroll County and the surrounding region.

Holy Cross Hospital, \$358,623, to support the purchase of bi-plane angiography equipment and the construction of a new angiography suite to house the new equipment which would directly support the development of Holy Cross Hospital's neuroscience program.

Kennedy Krieger Institute, \$238,755, to purchase equipment.

Lifebridge Health of Baltimore, \$406,767, to implement a Computerized Physician Order Entry Initiative, designed to reduce medication errors and improve efficiency.

Saint Agnes Hospital, \$718,229, to purchase equipment.

The Sister-to-Sister Foundation, \$238,755, to provide cardiac screening programs for women that promote early detection and treatment of heart disease, the leading cause of death for all women.

University of Maryland Institute of Nursing, \$718,229, to continue to expand core initiatives to address the severe nurse faculty shortage.

Anne Arundel Community College, \$118,886, for a health training initiative.

Bowie State University, \$191,593, to support the K-12 Principals' Institute.

College of Southern Maryland, \$286,899, for partnership for the advancement of construction and transportation training.

Coppin State University, \$215,174, for nursing education.

Towson University, \$310,479, for an educational partnership in the Cherry Hill Community.

Washington College, \$335,043, to fund STEM education.

American-Speech-Language-Hearing, \$263,318, for the New Century Scholars Program.

Baltimore Department of Planning, \$478,492, to support workforce development by expanding the number of job training slots and to support the Park Heights Partnership for Jobs.

Chesapeake Bay Foundation, \$406,767, to provide schools with rich, meaningful field and classroom programs that assist them in meeting new science assessment requirements of the No Child Left Behind Act.

KIPP Ujima Village, \$243,667, to support student programs and extended learning hours at KIPP Ujima Village Charter School in Baltimore.

Montgomery County Public Schools, \$286,899, to recruit and certify post-doctoral scientists, mathematicians, and engineers as teachers.

Prince George's County, \$133,624, for a prenatal health marketing program.

FY2008 MILITARY CONSTRUCTION AND VETERANS AFFAIRS APPROPRIATIONS

Aberdeen Proving Ground, \$12,200,000, to support the completion of the second phase construction for an Automotive Technology Evaluation facility at APG.

NWSC, Indian Head Division, \$9,450,000, to support the Advanced Energetics Research Lab Complex (Phase I), at the Indian Head facility.

FY2008 TRANSPORTATION/HOUSING AND URBAN DEVELOPMENT APPROPRIATIONS

BRAC-related Improvements in Harford County, \$1,969,800, for improvements near the Aberdeen Proving Ground.

BRAC-related Improvements in Montgomery County, \$1,969,800, for MD355 Improvements between Woodmont Avenue and I270, near the National Naval Medical Center/Bethesda.

BRAC-related Improvements in Anne Arundel County, \$490,000, for transportation improvements near Fort George G. Meade.

BRAC-related Improvements in Frederick County, \$245,000, for safer and improved access to Ft. Detrick at US15 and Monocacy Boulevard.

MARC Commuter Rail Improvements and Rolling Stock, \$9,800,000, for the purchase of additional passenger cars and maintenance improvements.

Metrorail Improvements, \$34,300,000 for the purchase of additional rail cars for the Washington Metro system.

Maryland Statewide Bus and Bus Facility Improvements, \$735,000, for the Maryland Transit Administration and locally operated transit systems for bus and bus facility improvements.

Central Maryland Transit Operations Facility, \$656,600, for a bus facility to serve Howard and part of Anne Arundel counties.

Bi-County Transit Center, \$818,300, for a new transit center in Langley Park that would serve Prince George's County and Montgomery County residents.

Improvements of MD4 at Suitland Parkway, \$2,450,000, for construction of an interchange and connecting ramps in Prince George's County.

Gwynns Falls Trails/CSX Bridge, \$328,300, for the assessment, acquisition, and restoration of the old CSX Railroad Bridge to extend the Gwynns Falls Trail across the Middle Branch of the Patapsco River.

Colmar Manor Community Center, \$393,960, to fund a Community Center that will support Colmar Manor and other port towns of Cottage City, Edmonston and Bladensburg.

East Baltimore Workforce Development, \$196,000, for job training and transportation improvements to support neighborhood revitalization in East Baltimore.

Irvine Urban Outreach Center, \$328,300, to support the development of a new "green" facility promoting outdoor education for underserved students.

Montgomery County Long Branch Pedestrian Linkages, \$262,640, to create pedestrian-friendly linkages from apartment complexes to the public resources and commercial core of the Long Branch neighborhood in Montgomery County.
